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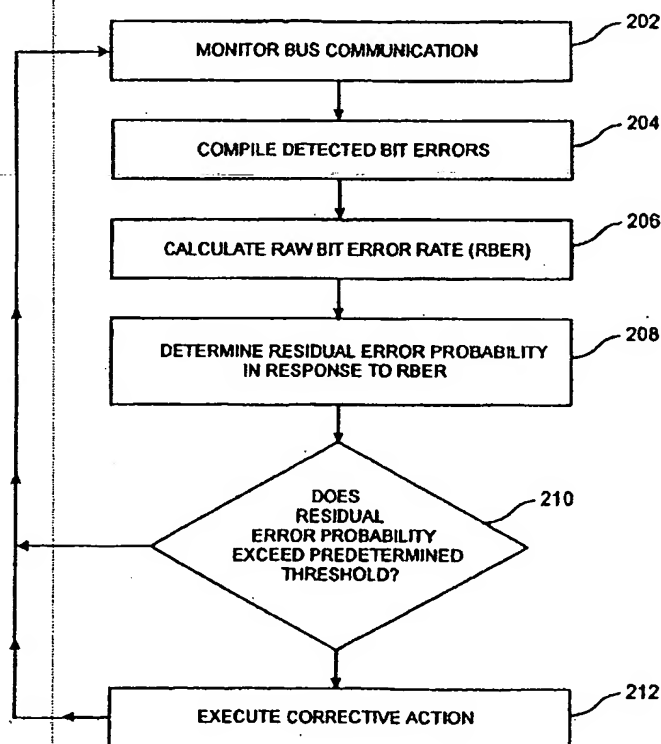


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(54) Title: RESIDUAL ERROR HANDLING IN A CAN NETWORK
- MCLEAN, James, A.; 121 Mill Lane, York, ME 03909 (US). SPARKS, William, D.; 25 Marc Lane, Litchfield, NH 03052 (US). ROLLAND, Jean-Francois; 24, rue Moliere, F-92500 Rueil Malmaison (FR).
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(57) Abstract: A method and apparatus for improving communication throughout a network is disclosed. The network includes a module capable of transmitting messages in response to a change of state. Bit errors transmitted within network are detected and a detected bit error rate is calculated. A residual, i.e., undetected, error probability is determined in response to the detected bit error rate. Corrective action towards reducing the effects of the residual errors is taken, e.g., retransmission of messages, in response to the residual error probability exceeding a predetermined threshold.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L1/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 828 672 A (TURCOTTE ERIC ET AL) 27 October 1998 (1998-10-27)	1,3,5-9, 11, 13-21, 23, 25-29, 31, 33-37, 39,41-44 4,12,24, 32,40
Y	column 1, line 13 - line 18 column 2, line 22 - line 39 column 4, line 11 - line 27 column 6, line 30 - line 56 claim 1 --- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 5 835 507 A (WU JENG-JYE ET AL) 10 November 1998 (1998-11-10)</p> <p>column 1, line 6 - line 29 column 1, line 45 - line 50 column 2, line 7 - line 42 column 3, line 1 - line 19 column 4, line 14 - line 20 column 4, line 46 - line 59</p>	<p>1-3, 5-11, 13-16, 29-31, 33-39, 41-44</p>
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